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Agenbag, J.J. 1996. Pacific ENSO events reflected in meteorological and oceanographic perturbations in the southern Benguela system. *S. Afr. J. Sci.* **92**, 243-248.

Alaska Sea Grant College Program. 1997. *Fisheries Bycatch: Consequences and Management: Proceedings of the Symposium on the Consequences and Management of Fisheries Bycatch, August 27-28, 1996, Dearborn, Michigan*. Fairbanks, AK, University of Alaska Sea Grant College Program, University of Alaska Fairbanks. (Alaska Sea Grant College Program report 97-02) 152p. SH344 .S95 1996

Arntz, Wolf E., Julian Gutt and Michael Klages. 1997. Antarctic marine biodiversity: an overview, pp. 3-14 In: B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.

Ballou, J.D. 1997. Ancestral inbreeding only minimally affects inbreeding depression in mammalian populations. *Journal of Heredity* **88**, 169-178.

Battaglia, B., J. Valencia and D. W. H. Walton. 1997. *Antarctic Communities: Species, Structure and Survival*. Cambridge, United Kingdom, Cambridge University Press. 464p. QH84.2 .A57 1997

Baumgartner, M.F. 1997. The distribution of Risso's dolphin ({*Grampus griseus*}) with respect to the physiography of the northern Gulf of Mexico. *Mar. Mammal Sci.* **13**, 614-638.

Bearzi, G., Notarbartolo-di-Sciara, G. & Politi, E. 1997. Social ecology of bottlenose dolphins in the Kvarneric (northern Adriatic Sea). *Mar. Mammal Sci.* **13**, 650-668.

Beavers, S.C. & Cassano, E.R. 1996. Movements and dive behavior of a male sea turtle ({*Lepidochelys olivacea*}) in the Eastern Tropical Pacific. *J. Herpetol.* **30**, 97-104.

Becker, P.R., Mackey, E.A., Demiralp, R., Schantz, M.M., Koster, B.J. & Wise, S.A. 1997. Concentrations of chlorinated hydrocarbons and trace elements in marine mammal tissues archived in the U.S. National Biomonitoring Specimen Bank. *Chemosphere* **34**, 2067-2098.

Becker, P.R., Wise, S.A., Thorsteinson, L., Koster, B.J. & Rowles, T. 1997. Specimen banking of marine organisms in the United States: current status and long-term prospective. *Chemosphere* **34**, 1889-1906.

Bell, C.M., Hindell, M.A. & Burton, H.R. 1997. Estimation of body mass in the southern elephant seal, {*Mirounga leonina*}, by photogrammetry and morphometrics. *Mar. Mammal Sci.* **13**, 669-682.

Bergeron, E., Measures, L.N. & Huot, J. 1997. Experimental transmission of {*Ostertagia circumlitus*} (Railliet, 1899) (Metastrongyloidea: Crenosomatidae), a lungworm of seals in eastern arctic Canada. *Can. J. Zool.* **75**, 1364-1371.

Best, P.B. & Ross, G.J.B. 1996. Whale observations from the Knysna Heads, 1903-1906. *S. Afr. J. Mar. Sci.* **17**, 305-308.

Bigg, M.A., Ellis, G.M. & Balcomb, K.C. 1986. The photographic identification of individual cetaceans. *Whalewatcher* **20**, 10-12.

Bilo, D. & Nachtigall, W. 1980. A simple method to determine drag coefficients in aquatic animals. *J. Exp. Biol.* **87**,

357-359.

- Bjorge, A. & Ortsland, T. 1997. OBITUARY: *ge Jonsg*rd 1916-1997. *Mar. Mammal Sci.* **13**, 719-720.
- Blanco, D.E., Yorio, P. & Boersma, P.D. 1996. Feeding behavior, size asymmetry, and food distribution in Magellanic penguin (*Spheniscus magellanicus*) chicks. *Auk* **113**, 496-498.
- Borrell, A., Aguilar, A. & Pastor, T. 1997. Organochlorine pollutant levels in Mediterranean monk seals from the Western Mediterranean and the Sahara coast. *Mar. Pollut. Bull.* **34**, 505-510.
- Boveng, Peter L. and John L. Bengtson .1997. Crabeater seal cohort variation: demographic signal or statistical noise?, pp. 241-247 *In:* B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.
- Breiwick, J. M.A Bayesian analysis of the western Arctic bowhead whale population (1978 - 1993), using non-informative priors. 97. Working document submitted to the International Whaling Commission, SC/49/AS21, 19p.
- Briggs, K.T., Gershwin, M.E. & Anderson, D.W. 1997. Consequences of petrochemical ingestion and stress on the immune system of seabirds. *ICES J. Mar. Sci.* **54**, 718-725.
- Brillinger, David R. and Brent S. Stewart .1997. Elephant seal movements: dive types and their sequences, pp. 275-288 *In:* Timothy G. Gregoire, David R. Brillinger, Peter J. Diggle, Estelle Russek-Cohen, William G. Warren and Russell D. Wolfinger, editors. New York, Springer-Verlag.
- Brittain, T., Baker, A.R., Butler, C.S., Little, R.H., Lowe, D.J., Greenwood, C. & Watmough, N.J. 1997. Reaction of variant sperm-whale myoglobins with hydrogen peroxide: the effects of mutating a histidine residue in the haem distal pocket. *Biochem. J.* **326**, 109-115.
- Bulletin, M.P. 1997. Homes needed for manatees. *Mar. Pollut. Bull.* **34**, 498.
- Bulletin, M.P. 1997. Plastic threat to albatrosses. *Mar. Pollut. Bull.* **34**, 497.
- Buls, B. 1997. El Niño: It's the climate - ENSO, PDO and you. *Alaska Fisherman's J.* **20**, 26-27.
- Burns, Jennifer M. and J. Ward Testa .1997. Developmental changes and diurnal and seasonal influences on the diving behaviour of Weddell seal (*Leptonychotes weddellii*) pups, pp. 328-334 *In:* B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.
- Burton, H. R., T. Arnbom, I. L. Boyd, M. Bester, D. Vergani and I. Wilkinson .1997. Significant differences in weaning mass of southern elephant seals from five sub-Antarctic islands in relation to population densities , pp. 335-338 *In:* B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.
- Byrd, G. Vernon. 1997. *Wildlife Observations at Walrus Island, Pribilof Islands, Alaska, July 24, 1997*. Homer, AK, Alaska Maritime National Wildlife Refuge. (U.S. Fish and Wildlife Service Report, AMNWR 97/14) 8p. SK367.A41 A569 no. 97/14
- Cabanac, A., Folkow, L.P. & Blix, A.S. 1997. Volume capacity and contraction control of the seal spleen. *J. Appl. Physiol.* **82**, 1989-1994.
- Campbell, R. Wayne and Kenneth R. Summers .1997. Vertebrates of Brooks Peninsula, p. Ch.12 1-39 *In:* Richard

J. Hebda and James C. Haggarty, editors. Victoria, BC, BC Parks, Ministry of Environment, Lands and Parks.

Camphuysen, K.C.J. 1995. Herring gull (*Larus argentatus*) and lesser black-backed gull (*L. fuscus*) feeding at fishing vessels in the breeding season: competitive scavenging versus efficient flying. *Ardea* **83**, 365-380.

Cartee, R.E., Brosemer, K. & Ridgway, S.H. 1995. The eye of the bottlenose dolphin (*Tursiops truncatus*) evaluated by B mode ultrasonography. *J. Zoo & Wildl. Med.* **26**, 414-421.

Cartee, R.E., Tarpley, R., Mahoney, K., Ridgway, S.H. & Johnson, P.L. 1995. A case of cystic adrenal disease in a common dolphin (*Delphinus delphis*). *J. Zoo & Wildl. Med.* **26**, 293-297.

Chaloupka, M. & Zug, G.R. 1997. A polyphasic growth function for the endangered Kemp's ridley sea turtle, (*Lepidochelys kempii*). *Fish. Bull.* **95**, 849-856.

Chivers, C.J. 1997. The hunt is on and the seal wars are back. *Wildl. Conserv.* **100**, 36-43.

Christian, Ermine A. 1973. *The Effects of Underwater Explosions on Swimbladder Fish*. White Oak, Silver Spring, MD, Naval Ordnance Laboratory. (Naval Ordnance Laboratory Technical Report 73-103) v.p.p.

Clark, B.D. & Bemis, W. 1979. Kinematics of swimming penguins at the Detroit Zoo. *Journal of Zoology, London* **188**, 411-428.

Cobb, G.P. & Wood, P.D. 1997. PCB concentrations in eggs and chorioallantoic membranes of loggerhead sea turtles (*Caretta caretta*) from the Cape Romain National Wildlife Refuge. *Chemosphere* **34**, 539-549.

Colly, L.P., Bengis, R. & Brückner, G.K. 1996. Special challenges of maintaining wild animals in captivity: a Southern African perspective. *Rev. Sci. Tech. Off. Int. Epiz.* **15**, 237-249.

Coria, N.R., Soave, G.E. & Montalti, D. 1997. Diet of cape petrel (*Daption capense*) during the post-hatching period at Laurie Island, South Orkney Islands, Antarctica. *Polar Biology* **18**, 236-239.

Cubas, Z.S. 1996. Special challenges of maintaining wild animals in captivity in South America. *Rev. Sci. Tech. Off. Int. Epiz.* **15**, 267-287.

Czech, B. & Krausman, P.R. 1997. Public opinion on species and endangered species conservation. *Endangered Species Update* **14**, 7-10.

Dahlheim, Marilyn E., Bain, David E., and Waite, Janice M. Recovery monitoring of Prince William Sound killer whales injured by the Exxon Valdez oil spill using photo-identification techniques. 93. Unpublished report for Marine Mammals Study Number Project No. 93042, December 1993, 6p. +tables and figures.

Dawbin, W.H. 1997. Temporal segregation of humpback whales during migration in Southern Hemisphere waters. *Mem. Queensland Mus.* **42**, 105-138.

de la Mare, W.K. 1997. Abrupt mid-twentieth-century decline in Antarctic sea-ice extent from whaling records. *Nature* **389**, 57-60.

Dellinger, T., Davenport, J. & Wirtz, P. 1997. Comparisons of social structure of Columbus crabs living on loggerhead sea turtles and inanimate flotsam. *J. Mar. Biol. Assoc. U.K.* **77**, 185-194.

Doroff, Angela. 1997. *A Co-Management Vision for the Sustainable Use of Sea Otter, Polar Bear, and Walrus*. Anchorage, AK, U.S. Fish and Wildlife Service. 8p.

Edmonds, J.S. & Fletcher, W.J. 1997. Stock discrimination of pilchards {Sardinops sagax} by stable isotope ratio analysis of otolith carbonate. *Marine Ecology Progress Series* **152**, 241-247.

Falandysz, J. & Rappe, C. 1997. Specific pattern of tetrachloronaphthalenes in black cormorant. *Chemosphere* **35**, 1737-1746.

Favero, M. 1996. Foraging ecology of pale-faced sheathbills in colonies of southern elephant seals at King George Island, Antarctica. *J. Field. Ornithol.* **67**, 292-299.

Fay, F.H., Eberhardt, L.L., Kelly, B.P., Burns, J.J. & Quakenbush, L.T. 1997. Status of the Pacific walrus population, 1950-1989. *Mar. Mammal Sci.* **13**, 537-565.

Feijtel, T., Kloepper-Sams, P., den Haan, K., van Egmond, R., Comber, M., Heusel, R., Wierich, P., Ten Berge, W., Gard, A., de Wolf, W. & Niessen, H. 1997. Integration of bioaccumulation in an environmental risk assessment. *Chemosphere* **34**, 2337-2350.

Festa-Bianchet, M. 1996. Offspring sex ratio studies of mammals: Does publication depend upon the quality of the research or the direction of the results? *Ecosci.* **3**, 42-44.

Focardi, S., M. C. Fossi, L. Lari, S. Casini and R. Bargagli .1997. Investigation of mixed function oxidase in Antarctic organisms, pp. 405-408 In: B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.

Focus 1997. Groups unite in call for action to protect whales. *Focus* **19**, 1-2.

Fossi, M.C., Savelli, C., Marsili, L., Casini, S., Jimenez, B., Junin, M., Castello, H. & Lorenzani, J.A. 1997. Skin biopsy as a nondestructive tool for the toxicological assessment of endangered species of pinnipeds: preliminary results on mixed function oxidase in {Otaria flavescens}. *Chemosphere* **35**, 1623-1635.

Foundation, National Fish and Wildlife. 1994. *National Oceanic and Atmospheric Administration/ National Marine Fisheries Service: FY 1995 Fisheries and Wildlife Assessment*. Washington, DC, National Fish and Wildlife Foundation. 106p. SK361 .N21 1994

Fraser, William R. and Donna L. Patterson .1997. Human disturbance and long-term changes in Ad*lie penguin populations: a natural experiment at Palmer Station, Antarctic Peninsula, pp. 445-452 In: B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.

Frazer, Thomas K., Langdon B. Quetin and Robin M. Ross .1997. Abundance and distribution of larval krill, {Euphausia superba}, associated with annual sea ice in winter, pp. 107-111 In: B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.

Freedman, A. 1997. After compromise, dolphin deal sails through Senate, House. *Congr. Q. Wkly Rep.* **55**, 1862-1863.

Furness, R.W. & Camphuysen, K.C.J. 1997. Seabirds as monitors of the marine environment. *ICES J. Mar. Sci.* **54**, 726-737.

Gardner, I.A., Hietala, S. & Boyce, W.M. 1996. Validity of using serological tests for diagnosis of diseases in wild animals. *Rev. Sci. Tech. Off. Int. Epiz.* **15**, 323-335.

Garner, M.M., Lambourn, D.M., Jeffries, S.J., Hall, P.B., Rhyan, J.C., Ewalt, D.R., Polzin, L.M. & Cheville, N.F. 1997. Evidence of {Ibrucella} infection in {Parafilaroides} lungworms in a Pacific harbor seal ({Phoca vitulina richardsi}).

J. Vet. Diagn. Invest. **9**, 298-303.

Garthe, S. 1997. Influence of hydrography, fishing activity, and colony location on summer seabird distribution in the south-eastern North Sea. *ICES J. Mar. Sci.* **54**, 566-577.

Geiger, Harold J., Brian Frenette and Deborah Hart. 1997. *Run Forecasts and Harvest Projections for 1997 Alaska Salmon Fisheries and Review of the 1996 Season*. Juneau, AK, Alaska Department of Fish and Game, Commercial Fisheries Management and Development Division. (Regional information report no.5J97-10 (Alaska Commercial Fisheries Management and Development Division, Alaska Department of Fish and Game)) 77p. SH11 .A7243 no. 5J97-10

Gonzalez, A.F., Trathan, P.N., Yau, C. & Rodhouse, P.G. 1997. Interactions between oceanography, ecology and fishery biology of the ommastrephid squid {IMartialia hyadesi} in the South Atlantic. *Marine Ecology Progress Series* **152**, 205-215.

Goodwin, J.A., Durham, B.D., Peddemors, V.M. & Cockcroft, V.G. 1996. Genetic variation in the bottlenose dolphin {ITursiops truncatus} along the Kwazulu/Natal coast, South Africa. *S. Afr. J. Mar. Sci.* **17**, 225-232.

Grémillet, D. 1997. Catch per unit effort, foraging efficiency, and parental investment in breeding great cormorants ({IPhalacrocorax carbo carbo}). *ICES J. Mar. Sci.* **54**, 635-644.

Graczyk, T.K. & Cranfield, M.R. 1996. A model for the prediction of relative titres of avian malaria and {IAasperillus} spp. IgG in jackass penguin ({ISpheniscus demersus}) females based on maternal IgG in egg-yolk. *Int. J. Parasitol.* **26**, 749-754.

Grafton, R.Q. & Silva-Echenique, J. 1997. How to manage nature? Strategies, predator-prey models, and chaos. *Mar. Resour. Econ.* **12**, 127-143.

Gusey, William F. 1976. *The Fish and Wildlife Resources of the Middle Atlantic Bight*. Houston, TX, Environmental Affairs, Shell Oil Co. 582p. QH104.5 .M45 G87 1976

Hacker, S.D. & Gaines, S.D. 1997. Some implications of direct positive interactions for community species diversity. *Ecology* **78**, 1990-2003.

Hansen, S. & Lavigne, D.M. 1997. Temperature effects on the breeding distribution of grey seals ({IHalichoerus grypus}). *Physiol. Zool.* **70**, 436-443.

Hanson, M. Bradley. 1988. Habitat Use and Den Ecology of Black Bears on Mitkof Island, Southeast Alaska. Thesis, University of Washington. 144p. THESIS H-35. THESIS H-35

Harris, M.P. & Wanless, S. 1997. Breeding success, diet, and brood neglect in the kittiwake ({IRissa tridactyla}) over an 11-year period. *ICES J. Mar. Sci.* **54**, 615-623.

Harris, M.P. & Wanless, S. 1995. The food consumption of young common murres ({IUria aalge}) in the wild. *Colonial Waterbirds* **18**, 209-213.

Hayward, T.J. 1997. Classification by multiple-resolution statistical analysis with application to automated recognition of marine mammal sounds. *J. Acoust. Soc. Am.* **101**, 1516-1526.

Hebda, Richard J. and James C. Haggarty. 1997. *Brooks Peninsula: an Ice Age Refugium on Vancouver Island*. Victoria, BC, BC Parks, Ministry of Environment, Lands and Parks. (Occasional Paper No. 5 (BC Parks)) v.p.p. QH106.2 .B7B76 1997

- Herzing, D.L. 1997. The life history of free-ranging Atlantic spotted dolphins ({*IStenella frontalis*}): age classes, color phases, and female reproduction. *Mar. Mammal Sci.* **13**, 576-595.
- Heyning, J.E. 1997. Sperm whale phylogeny revisited: analysis of the morphological evidence. *Mar. Mammal Sci.* **13**, 596-613.
- Higgins, M. 1997. Deep sea dialogue: researchers are determined to "talk" to whales by cracking their communication code. *Nature Canada* **26**, 29-33.
- Hollowed, Anne Babcock and Warren S. Wooster .1995. Decadal-scale variations in the eastern subarctic Pacific: II. Response of Northeast Pacific fish stocks, pp. 373-385 *In:* Richard J. Beamish, editor. Ottawa, Ontario, Canada, National Research Council Canada.
- Hollowed, A.B. & Wooster, W.S. 1992. Variability of winter ocean conditions and strong year classes of Northeast Pacific groundfish. *ICES Mar. Sci. Symp.* **195**, 433-444.
- Hovda, Joar. 1997. *Annotated Bibliography of Unpublished and Gray Literature on Persistent Organic Pollutants and Trace Metals in Alaska Marine Mammals From 1972 to 1997*. Anchorage, AK, Environment and Natural Resources Institute, University of Alaska Anchorage. 22p.
- Hoyt, E. 1994. *Discover Whale & Dolphin Watching in the Caribbean*. Bath, U.K., Whale & Dolphin Conservation Society. 11p.
- Hoyt, Erich. 1993. *Kujira Watching. Whales and Dolphins: Alive and Being Watched Japanese-Style* . Bath, U.K., Whale & Dolphin Conservation Society. 16p.
- Hoyt, Erich. 1994. *The Potential of Whale Watching in Latin America and the Caribbean*. Bath, U.K., Whale & Dolphin Conservation Society. 48p.
- Hull, C.L., Hindell, M.A. & Michael, K. 1997. Foraging zones of royal penguins during the breeding season, and their association with oceanographic features. *Marine Ecology Progress Series* **153**, 217-228.
- Hunt, G.L.Jr. 1997. Physics, zooplankton, and the distribution of least auklets in the Bering Sea - a review. *ICES J. Mar. Sci.* **54**, 600-607.
- Inglis, Richard I. 1997. Ethnographic history of Brooks Peninsula region, p. Ch. 13 1-11 *In:* Richard J. Hebda and James C. Haggarty, editors. Victoria, BC, BC Parks, Ministry of Environment, Lands and Parks.
- Janes, D.N. 1997. Energetics, growth, and body composition of Ad*lie penguin chicks, {*IPygoscelis adeliae*}. *Physiol. Zool.* **70**, 237-243.
- Janes, D.N. 1997. Osmoregulation by Ad*lie penguin chicks on the Antarctic Peninsula. *Auk* **114**, 488-495.
- Jauniaux, T., Brosens, L. & Coignoul, F. 1997. Lesions observed on stranded seabirds along the Belgian coast from 1992 to 1995. *ICES J. Mar. Sci.* **54**, 714-717.
- Johnson, S.W., Carls, M.G., Stone, R.P., Brodersen, C.C. & Rice, S.D. 1997. Reproductive success of Pacific herring {*IClupea pallasi*}, in Prince William Sound, Alaska, six years after the {*IExxon Valdez*} oil spill. *Fish. Bull.* **95**, 748-761.
- Jury, M.R. 1996. South-east Atlantic warm events: composite evolution and consequences for Southern African

climate. *S. Afr. J. Mar. Sci.* **17**, 21-28.

Kaczynski, V. W., J. F. Palmisano and J. E. Levin. 1993. *Oregon's Wild Salmon and Steelhead Trout: a Review of the Impact of Management and Environmental Factors: Recommendations, Summary and Conclusions*. Salem, OR, Oregon Forest Industries Council. 62p. QL638 .S2 K35 1993b

Kaczynski, V. W., J. F. Palmisano and J. E. Levin. 1993. *Oregon's Wild Salmon and Steelhead Trout: a Review of the Impact of Management and Environmental Factors*. Salem, OR, Oregon Forest Industries Council. 328p. QL638 .S2 K35 1993a

Kanatous, Shane B. 1997. High Aerobic Capacities in the Skeletal Muscles of Seals, Sea Lions and Fur Seals: Adaptations to Diving Hypoxia? Dissertation, Texas A&M University. 92p. THESIS K-18. THESIS K-18

Karl, S.A., Bowen, B.W. & Avise, J.C. 1992. Global population genetic structure and male-mediated gene flow in the green turtle (*Chelonia mydas*): RFLP analyses of anonymous nuclear loci. *Genetics* **131**, 163-173.

Kemper, C. 1997. Sightings and strandings of the pygmy right whale (*Caperea marginata*) near Port Lincoln, South Australia and a review of other Australasian sightings. *Trans. R. Soc. S. Aust.* **121**, 79-82.

Koistinen, J., Stenman, O., Haahti, H., Suonpera, M. & Paasivirta, J. 1997. Polychlorinated diphenyl ethers, dibenzo-p-dioxins, dibenzofurans and biphenyls in seals and sediment from the Gulf of Finland. *Chemosphere* **35**, 1249-1269.

Krahn, M.M., Becker, P.R., Tilbury, K.L. & Stein, J.E. 1997. Organochlorine contaminants in blubber of four seal species: integrating biomonitoring and specimen banking. *Chemosphere* **34**, 2109-2121.

Kunin, W.E. 1997. Sample shape, spatial scale and species counts: implications for reserve design. *Biol. Conserv.* **82**, 369-377.

Kvadsheim, P.H., Gotaas, A.R.L., Folkow, L.P. & Blix, A.S. 1997. An experimental validation of heat loss models for marine mammals. *J. Theor. Biol.* **184**, 15-23.

Laerm, J., Wenzel, F., Craddock, J.E., Weinand, D., McGurk, J., Harris, M.J., Early, G.A., Mead, J.G., Potter, C.W. & Barros, N. 1997. New prey species for northwestern Atlantic humpback whales. *Mar. Mammal Sci.* **13**, 705-711.

Logan, N.G. & Smith, T. 1997. A hand-held, pen-based computer system for marine mammal sighting surveys. *Mar. Mammal Sci.* **13**, 694-700.

Lunn, N.J., Stirling, I., Andriashuk, D. & Kolenosky, G.B. 1997. Re-estimating the size of the polar bear population in western Hudson Bay. *Arctic* **50**, 234-240.

Lydersen, C. & Kovacs, K.M. 1996. Energetics of lactation in harp seals (*Phoca groenlandica*) from the Gulf of St. Lawrence, Canada. *J. Comp. Physiol. B* **166**, 295-304.

Lyons, E.T., DeLong, R.L., Melin, S.R. & Tolliver, S.C. 1997. Uncinariasis in northern fur seal and California sea lion pups from California. *J. Wildl. Dis.* **33**, 848-852.

MacKenzie, Clyde L. Jr., Victor G. Jr. Burrell, Aaron Rosenfield and Willis L. Hobart. 1997. *The History, Present Condition, and Future of the Molluscan Fisheries of North and Central America and Europe. Vol. 1, Atlantic and Gulf Coasts*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Report NMFS 127) 234p. SH11 .A336 no.127

- MacKenzie, D. 1997. Sea ice meltdown: a vast expanse of ice disappeared unnoticed until someone took a look at whalers' records. *New Sci.* **155**, 4.
- Mair, H. 1997. Antarctic penguins harbour virus. *Mar. Pollut. Bull.* **34**, 496-497.
- Mann-Lang, J.B. & Buxton, C.D. 1996. Growth characteristics in the otoliths of selected South African sparid fish. *S. Afr. J. Mar. Sci.* **17**, 205-216.
- Marsili, L. & Focardi, S. 1997. Chlorinated hydrocarbon (HCB, DDTs and PCBs) levels in cetaceans stranded along the Italian coasts: an overview. *Environ. Monit. Assess.* **45**, 129-180.
- Martin, M. H. 1997. *Data Report: 1996 Gulf of Alaska Bottom Trawl Survey*. Seattle, WA, U.S. Department of Commerce. (NOAA Technical Memorandum NMFS-AFSC-82) 235p. SH11 .A365a no. 82
- Mayzaud, Patrick .1997. Spatial and life-cycle changes in lipid and fatty acid structure of the Antarctic euphausiid {Euphausia superba}, pp. 284-294 In: B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.
- McAlpine, D.F., Murison, L.D. & Hobart, E.P. 1997. New records for the pygmy sperm whale, {Kogia breviceps} (Physeteridae) from Atlantic Canada with notes on diet and parasites. *Mar. Mammal Sci.* **13**, 701-704.
- McConkey, G.A., Li, J., Rogers, M.J., Seeley, D.C.Jr., Graczyk, T.K., Cranfield, M.R. & McCutchan, T.F. 1996. Parasite diversity in an endemic region for avian malaria and identification of a parasite causing penguin mortality. *Journal of Eukaryotic Microbiology* **43**, 393-399.
- McFee, W., Root, H., Friedman, R. & Zolman, E. 1997. A stingray spine in the scapula of a bottlenose dolphin. *J. Wildl. Dis.* **33**, 921-924.
- Mel'nikov, V.V., Zelensky, M.A. & Bychkov, V.V. 1997. Seasonal migrations and distribution of bowhead whale in waters of Chukotka. *Russ. J. Mar. Biol.* **23**, 175-183.
- Melvin, Edward F., Loveday L. Conquest and Julia K. Parrish. 1997. *Seabird Bycatch Reduction: New Tools for Puget Sound Drift Gillnet Salmon Fisheries: 1996 Sockeye and 1995 Chum Salmon Test Fisheries Final Report*. Seattle, WA, Washington Sea Grant Program. (Washington Sea Grant Report 97-01) 47p. SH348 .M45 1997
- Millar, C.D., Lambert, D.M. & Young, E.C. 1997. Minisatellite DNA detects sex, parentage, and adoption in the south polar skua. *Journal of Heredity* **88**, 235-238.
- Miller, C.M., Oosthuizen, W.H. & Wickens, P.A. 1996. Cape fur seals trapped in trawling gear: age structure, sex ratio, seasonality and distribution. *S. Afr. J. Mar. Sci.* **17**, 105-111.
- Monroe, B. 1997. Biologists bag hindsight on marine mammals' diets: the scat of seals and sea lions offers a menu of what they eat. *The Oregonian* C9-C10.
- Montevecchi, W.A. & Myers, R.A. 1997. Centurial and decadal oceanographic influences on changes in northern gannet populations and diets in the north-west Atlantic: implications for climate change. *ICES J. Mar. Sci.* **54**, 608-614.
- Montevecchi, W.A. & Myers, R.A. 1996. Dietary changes of seabirds indicate shifts in pelagic food webs. *Sarsia* **80**, 313-322.
- Morseth, C.M. 1997. Twentieth-century changes in beluga whale hunting and butchering by the Kanigmiut of Buckland, Alaska. *Arctic* **50**, 241-255.

- Moss, Cynthia F. and James A. Simmons .1996. Perception along the axis of target range in the echolocating bat, pp. 244-270 *In: C. Moss and S. Shettleworth, editors.* Boulder, CO, Westview Press.
- Moulton, Lawrence L. 1994. *1993 Northern Cook Inlet Smolt Studies. ARCO Alaska Sunfish Project. Draft Report January 14, 1994.* Anchorage, AK, ARCO Alaska Inc. 100p.
- Murphy, E. & King, J. 1997. Icy message from the Antarctic [climate change]. *Nature* **389**, 20-21.
- Myers, R.A., Mertz, G. & Fowlow, P.S. 1997. Maximum population growth rates and recovery times for Atlantic cod, {*Gadus morhua*}. *Fish. Bull.* **95**, 762-772.
- Nachtigall, W. & Bilo, D. 1980. Strömungsanpassung des Pinguins beim Schwimmen unter Wasser (Flow adaptation of the penguin during swimming under water). *J. Comp. Physiol.* **137**, 17-26.
- Nakahara, F., Takemura, A., Koido, T. & Hiruda, H. 1997. Target discrimination by an echolocating finless porpoise, {*Neophocaena phocaenoides*}. *Mar. Mammal Sci.* **13**, 639-649.
- Nordoy, E.S. 1995. Gastroliths in the harp seal {*Phoca groenlandica*}. *Polar Res.* **14**, 335-338.
- Norman, R.J.d.B. 1997. Tetraphyllidean cysticerci in the peritoneal cavity of the common dolphin. *J. Wildl. Dis.* **33**, 891-895.
- Nowicki, S.N., Stirling, I. & Sjare, B. 1997. Duration of stereotyped underwater vocal displays by male Atlantic walruses in relation to aerobic dive limit. *Mar. Mammal Sci.* **13**, 566-575.
- Nunn, G.B., Cooper, J., Jouventin, P., Robertson, C.J.R. & Robertson, G.G. 1996. Evolutionary relationships among extant albatrosses (Procellariiformes: Diomedeidae) established from complete cytochrome-{IB} gene sequences. *Auk* **113**, 784-801.
- O'Laughlin, J. 1997. Legislative mandates of the Endangered Species Act and a plea for consistent use of technical terms. *Endangered Species Update* **14**, 3-6.
- Obree, B. 1996. Mysterious orcas: the appearance of an unforeseen breed of killer whales excites and puzzles researchers. *Beautiful Brit. Columbia* **38**, 14-21.
- Ocean, C.C.&. 1997. The dangerously attractive elephant seals. *Calif. Coast & Ocean* **13**, 12-14.
- Olsen, B., Bergström, S., McCafferty, D.J., Sellin, M. & Wiström, J. 1996. {*Salmonella enteritidis*} in Antarctica: zoonosis in man or humanosis in penguins? *Lancet* **348**, 1319-1320.
- Olsen, M.A., Nilssen, K.T. & Mathiesen, S.D. 1996. Gross anatomy of the gastrointestinal system of harp seals ({*Phoca groenlandica*}). *Journal of Zoology, London* **238**, 581-589.
- Olsson, M. & Bignert, A. 1997. Specimen banking: a planning in advance. *Chemosphere* **34**, 1961-1974.
- Oosthuizen, W.H. 1997. Evaluation of an effective method to estimate age of Cape fur seals using ground tooth sections. *Mar. Mammal Sci.* **13**, 683-693.
- Osterhaus, A., Groen, J., Niesters, H., van de Bildt, M., Martina, B., Vedder, L., Vos, J., van Egmond, H., Sidi, B.A. & Barham, M.E.O. 1997. Morbillivirus in monk seal mass mortality. *Nature* **388**, 838-839.
- Oyan, H.S. & Anker-Nilssen, T. 1996. Allocation of growth in food-stressed Atlantic puffin chicks. *Auk* **113**,

830-841.

Pahl, B.C., Terhune, J.M. & Burton, H.R. 1997. Repertoire and geographic variation in underwater vocalisations of Weddell seals ({*ILeptonychotes weddellii*}, Pinnipedia: Phocidae) at the Vestfold Hills, Antarctica. *Aust. J. Zool.* **45**, 171-187.

Pakhomov, Evgeny A. and Renzo Perissinotto .1997. Spawning success and grazing impact of {*IEuphausia crystallorophias*} in the Antarctic shelf region, pp. 187-192 *In:* B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.

Palmisano, John F., Robert H. Ellis and Victor W. Kaczynski. 1993. *The Impact of Environmental and Management Factors on Washington's Wild Anadromous Salmon and Trout*. Olympia, WA, Washington Forest Protection Association and Washington State Department of Natural Resources. 371p. QL638 .S2 P35 1993

Palsboll, P.J., B*rub*, M., Larsen, A.H. & Jorgensen, H. 1997. Primers for the amplification of tri- and tetramer microsatellite loci in baleen whales. *Molecular Ecology* **6**, 893-895.

Parson, S. 1997. Search-phase echolocation calls of the New Zealand lesser short-tailed bat ({*IMystacina tuberculata*}) and long-tailed bat ({*IChalinolobus tuberculatus*}). *Can. J. Zool.* **75**, 1487-1494.

Penhale, Polly A., Jon Coosen and Enrique R. Marschoff .1997. The {*IBahia Paraíso*}: a case study in environmental impact, remediation and monitoring, pp. 437-444 *In:* B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.

Petrov, E.A., Voronov, A.V., Egorova, L.I., Ivanov, M.K., Sarmin, D.R. & Surov, A.P. 1997. Age-sex structure and potential for reproduction of {*IPusa sibirica*} (Pinnipedia, Phocidae). *Zool. Zh.* **76**, 743-749.

Phillips, R.A., Catry, P., Thompson, D.R., Hamer, K.C. & Furness, R.W. 1997. Inter-colony variation in diet and reproductive performance of great skuas {*ICatharacta skua*}. *Marine Ecology Progress Series* **152**, 285-293.

Pikulik, M.M. & Sidorovich, V.E. 1996. Seasonal prevalence in otter reproduction and amphibian availability. *Dokl. Akad. Nauk Belarusi* **40**, 80-83.

Poulin, R. & Vickery, W.L. 1996. Parasite-mediated sexual selection: just how choosy are parasitized females? *Behav. Ecol. Sociobiol.* **38**, 43-49.

Press, L. 1997. Lake Baikal seal deaths. *Mar. Pollut. Bull.* **34**, 496.

Ratnam, R., Condon, C.J. & Feng, A.S. 1996. Neural ensemble coding of target identity in echolocating bats. *Biological Cybernetics* **75**, 153-162.

Reeves, R.R., Perrin, W.F. & Jefferson, T.A. 1997. OBITUARY: James Stephen Leatherwood 1944-1997. *Mar. Mammal Sci.* **13**, 721-725.

Regel, J. & P*tz, K. 1997. Effect of human disturbance on body temperature and energy expenditure in penguins. *Polar Biology* **18**, 246-253.

Register, F. 1997. Marine mammals; pinniped removal authority. *Fed. Regist.* **62**, 33396-33397.

Register, F. 1997. Small takes of marine mammals incidental to specified activities; seismic hazards investigations in Puget Sound. *Fed. Regist.* **62**, 48817-48820.

- Register, F. 1997. Small takes of marine mammals incidental to specified activities; seismic retrofit of the Richmond-San Rafael Bridge, San Francisco Bay. *Fed. Regist.* **62**, 46480-46483.
- Register, F. 1997. Taking of marine mammals incidental to commercial fishing operations; Atlantic large whale take reduction plan regulations. *Fed. Regist.* **62**, 39157-39188.
- Reid, J.A., Horn, R.B. & Forsman, E.D. 1996. A method for replacing tail-mounted radio transmitters on birds. *J. Field. Ornithol.* **67**, 177-180.
- Reynolds, J.R. 1997. Is the last lagoon of the Pacific gray whale worth its salt? *Calif. Coast & Ocean* **13**, 18-19.
- Ribic, C.A. & Ainley, D.G. 1997. The relationships of seabird assemblages to physical habitat features in Pacific equatorial waters during spring 1984-1991. *ICES J. Mar. Sci.* **54**, 593-599.
- Ribic, C.A., Davis, R., Hess, N. & Peake, D. 1997. Distribution of seabirds in the northern Gulf of Mexico in relation to mesoscale features: initial observations. *ICES J. Mar. Sci.* **54**, 545-551.
- Richard, K.R., Dillon, M.C., Whitehead, H. & Wright, J.M. 1996. Patterns of kinship in groups of free-living sperm whales (*Physeter macrocephalus*) revealed by multiple molecular genetic analyses. *Proc. Natl. Acad. Sci. USA* **93**, 8792-8795.
- Roots, O. & Talvari, A. 1997. Bioaccumulation of toxic chlororganic compounds and their isomers into the organism of Baltic grey seal. *Chemosphere* **35**, 979-985.
- Rossbach, M. & Kniewald, G. 1997. Concepts of marine specimen banking. *Chemosphere* **34**, 1997-2010.
- Saether, B.-E., Lorentsen, S.-H., Tveraa, T., Andersen, R. & Pedersen, H.C. 1997. Size-dependent variation in reproductive success of a long-lived seabird, the Antarctic petrel (*Thalassoica antarctica*). *Auk* **114**, 333-340.
- Sato, K. 1996. Swimming behavior of sea turtles, marine mammals, and sea birds obtained by micro data loggers. *Nippon Suisan Gakkaishi* **62**, 134-135.
- Seip, K.L. 1997. Defining and measuring species interactions in aquatic ecosystems. *Can. J. Fish. Aquat. Sci.* **54**, 1513-1519.
- Service, National Marine Fisheries. 1997. *Report to Congress. Status of the Fisheries of the United States.* [U.S. Department of Commerce]. 75p.
- Sharp, B.E. 1996. Post-release survival of oiled, cleaned seabirds in North America. *Ibis* **138**, 222-228.
- Shirai, K. & Sakai, T. 1997. Haematological findings in captive dolphins and whales. *Aust. Vet. J.* **75**, 512-514.
- Shirakihara, K. 1996. Population dynamics and management of whales and fishes. *Nippon Suisan Gakkaishi* **62**, 562-564.
- SigurjØnsson, JØhann .1995. On the life history and autecology of North Atlantic rorquals, pp. 425-441 In: Arnoldus Schytte Blix, Lars Walloe and Oyvind Ulltang, editors. Amsterdam, New York, Elsevier Science B.V.
- Silvers, L.E., Atkinson, S., Iwasa, M., Combelles, C. & Salden, D.R. 1997. A large placenta encountered in the Hawaiian winter grounds of the humpback whale, *Megaptera novaeangliae*. *Mar. Mammal Sci.* **13**, 711-716.
- Simpson, V.R. 1997. Health status of otters (*Lutra lutra*) in south-west England based on postmortem findings. *Vet.*

Rec. **141**, 191-197.

Sj**sen, T. 1997. Movements and establishment of reintroduced European otters (*Lutra lutra*). *J. Appl. Ecol.* **34**, 1070-1080.

Smith, R. I. Lewis .1997. Impact of an increasing fur seal population on Antarctic plant communities: resilience and recovery, pp. 445-452 In: B. Battaglia, J. Valencia and D. W. H. Walton, editors. Cambridge, United Kingdom, Cambridge University Press.

Stewart, F.M., Furness, R.W. & Monteiro, L.R. 1996. Relationships between heavy metal and metallothionein concentrations in lesser black-backed gulls, (*Larus fuscus*), and Cory's shearwater, (*Calonectris diomedea*). *Arch. Environ. Contam. Toxicol.* **30**, 299-305.

Stirling, I. 1997. BOOK REVIEW: Whales, seals, fish, and man. A.S. Blix, L. Walloe, and O. Ultang, eds. Proceedings of the International Symposium on the Biology of Marine Mammals in the North East Atlantic. Tromso, Norway, 29 November-1 December 1994. Elsevier, Amsterdam. 720p. 1995. *Mar. Mammal Sci.* **13**, 717-718.

Suddaby, D. & Ratchliffe, N. 1997. The effects of fluctuating food availability on breeding Arctic terns (*Sterna paradisaea*). *Auk* **114**, 524-530.

Sutton, R.T. & Allen, M.R. 1997. Decadal predictability of North Atlantic sea surface temperature and climate. *Nature* **388**, 563-567.

Svensson, E. 1997. The speed of life-history evolution. *Trends in Ecology and Evolution* **12**, 380-381.

Tarasova, E.N., Mamontov, A.A., Maontova, E.A., Klasmeier, J. & McLachlan, M.S. 1997. Polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) in Baikal seal. *Chemosphere* **34**, 2419-2427.

Thewissen, J.G.M., Roe, L.J., O'Neil, J.R., Hussain, S.T., Sahni, A. & Bajpai, S. 1996. Evolution of cetacean osmoregulation. *Nature* **381**, 379-380.

Tilbury, K.L., Stein, J.E., Meador, J.P., Krone, C.A. & Chan, S.-L. 1997. Chemical contaminants in harbor porpoise (*Phocoena phocoena*) from the North Atlantic coast: tissue concentrations and intra- and inter-organ distribution. *Chemosphere* **34**, 2159-2181.

Tollit, D.J., Greenstreet, S.P.R. & Thompson, P.M. 1997. Prey selection by harbour seals, (*Phoca vitulina*), in relation to variations in prey abundance. *Can. J. Zool.* **75**, 1508-1518.

Tregenza, T. & Bridle, J.R. 1997. The diversity of speciation. *Trends in Ecology and Evolution* **12**, 382-383.

Troisi, G.M. & Mason, C.F. 1997. Cytochromes P450, P420 & mixed-function oxidases as biomarkers of polychlorinated biphenyl (PCB) exposure in harbour seals (*Phoca vitulina*). *Chemosphere* **35**, 1933-1946.

U.S. Department of CommerceThe Saltonstall-Kennedy Grant Program: fisheries research and development: report 1997. 97. 139p. +appendices.

U.S. Department of Commerce and Administration, National Oceanic and Atmospheric NOAA workshop: focus on people with disabilities - final report. 97. 31p.

- V*kingsson, G*sli A. 1995. Body condition of fin whales during summer off Iceland, pp. 361-369 *In: Arnoldus Schytte Blix, Lars Walloe and Oyvind Ulltang, editors.* Amsterdam, New York, Elsevier Science B.V.
- Van Den Brink, Nico W. 1997. Preengland oil and blood samples: non-destructive methods for monitoring organochlorine levels in Antarctic top predators, pp. 413-416 *In: B. Battaglia, J. Valencia and D. W. H. Walton, editors.* Cambridge, United Kingdom, Cambridge University Press.
- van Scheppingen, W.B., Verhoeven, A., Mulder, P., Addink, M.J. & Smeenk, C. 1996. Polychlorinated biphenyls, dibenzo-{Ip}-dioxins, and dibenzofurans in harbor porpoises (*{IP}hocoena phocoena*) stranded on the Dutch coast between 1990 and 1993. *Arch. Environ. Contam. Toxicol.* **30**, 492-502.
- Vecchione, M. 1994. Systematics and the lifestyle and performance of cephalopods. *Mar. Freshwater Behav. Physiol.* **25**, 179-191.
- Virtue, P., P. D. Nichols and S. Nicol .1997. Dietary-related mechanisms of survival in *{IE}uphausia superba*: biochemical changes during long-term starvation and bacteria as a possible source of nutrition, pp. 194-201 *In: B. Battaglia, J. Valencia and D. W. H. Walton, editors.* Cambridge, United Kingdom, Cambridge University Press.
- Volkov, A. E. 1996. *Strict Nature Reserves (Zapovedniki) of Russia: Collection of "Chronicle of Nature" Data for 1991-1992.* Moscow, Sabashnikov Publishers. 269p. QH77 .R8 S77 1996
- Vuilleumier, F. 1996. Birds observed in the Arctic Ocean to the North Pole. *Arctic and Alpine Res.* **28**, 118-122.
- Wallace, R.S., Teare, J.A., Diebold, E., Michaels, M. & Willis, M.J. 1996. Plasma tocopherol, retinol, and carotenoid concentrations in free-ranging Humboldt penguins (*{IS}pheniscus humboldti*) in Chile. *Zoo Biol.* **15**, 127-134.
- Wanless, S., Bacon, P.J., Harris, M.P., Webb, A.D., Greenstreet, S.P.R. & Webb, A. 1997. Modelling environmental and energetic effects on feeding performance and distribution of shags (*{IP}halacrocorax aristotelis*): integrating telemetry, geographic information systems, and modelling techniques. *ICES J. Mar. Sci.* **54**, 524-544.
- Weimerskirch, H., Cherel, Y., Cuenot-Chaillet, F. & Ridoux, V. 1997. Alternative foraging strategies and resource allocation by male and female wandering albatrosses. *Ecology* **78**, 2051-2063.
- Weinrich, M., Martin, M., Griffiths, R., Bove, J. & Schilling, M. 1997. A shift in distribution of humpback whales, *{IM}egaptera novaeangliae*, in response to prey in the southern Gulf of Maine. *Fish. Bull.* **95**, 826-836.
- Weis, I.M. & Muir, D.C.G. 1997. Geographical variation of persistent organochlorine concentrations in blubber of ringed seal (*Phoca hispida*) from the Canadian Arctic: univariate and multivariate approaches. *Environmental Pollution* **96**, 321-333.
- Whetton, P., Allan, R. & Rutherford, I. 1996. Historical ENSO teleconnections in the Eastern Hemisphere: comparison with latest El Niño series of Quinn. *Climatic Change* **32**, 103-109.
- White, P.C.L., Gregory, K.W., Lindley, P.J. & Richards, G. 1997. Economic values of threatened mammals in Britain: a case study of the otter *{IL}utra lutra* and the water vole *{IA}rvicola terrestris*. *Biol. Conserv.* **82**, 345-354.
- Wiegert, L. & Schmidt, S. 1996. Temporal integration in the echolocating bat, *{IM}egaderma lyra*. *Hearing Res.* **102**, 35-42.
- Williams, Jeannine Denise. 1995. Fasting and Lactation in Female Northern Elephant Seals (*{IM}irounga Angustirostris*): Reconciling Conflicting Energetic and Nutritional Demands. Dissertation, University of California, Santa Cruz. 108p. THESIS W-20. THESIS W-20

- Wilson, D.S. 1997. Biological communities as functionally organized units. *Ecology* **78**, 2018-2024.
- Wilson, R.P. & Gr*millet, D. 1996. Body temperatures of free-living African penguins (*Spheniscus demersus*) and bank cormorants (*Phalacrocorax neglectus*). *J. Exp. Biol.* **199**, 2215-2223.
- Woodborne, S., Hart, K. & Parkington, J. 1995. Seal bones as indicators of the timing and duration of hunter-gatherer coastal visits. *J. Archaeol. Sci.* **22**, 727-740.
- Wooster, Warren S. and Anne Babcock Hollowed .1995. Decadal-scale variations in the eastern subarctic Pacific: I. Winter ocean conditions, pp. 81-85 *In:* Richard J. Beamish, editor. Ottawa, Ontario, Canada, National Research Council Canada.
- Yaggi, M.A. 1996. {United States v. Hayashi}: taking aim at the Marine Mammal Protection Act. *Pace Environ. Law Rev.* **14**, 409-445.
- Yorio, P., Boersma, P.D. & Swann, S. 1996. Breeding biology of the dolphin gull at Punta Tombo, Argentina. *Condor* **98**, 208-215.